

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
				Application Number	10/663,895
				Confirmation Number	4522
				Filing Date	September 16, 2003
				First Named Inventor	Gail A. Alverson
				Group Art Unit	2109
Examiner Name	Michael P. Wilser				
Attorney Docket No.	324758001US2				
Sheet	1	of	2		


U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
/M.W./		DE	DE19710252		Fujitsu Ltd. (English Abstract)	2/26/98		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
/M.W./		"Method of Tracing Events in Multi-Threaded OS/2 Applications," IBM Tech. Disclosure Bulletin, September 1993, pp. 19-22.	
		Agrawal, Hiralal, "Dominators, Super Blocks and Program Coverage," 21st ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages, Portland, Oregon, January 17-21, 1994.	
		Alverson, Gail et al., "Tera Hardware-Software Cooperation," Proceedings of Supercomputing 1997, San Jose, California, November 1997.	
		Briggs, Preston et al., "Coloring Heuristics for Register Allocation," Department of Computer Science, Rice University, Houston, Texas, June 1989.	
		Briggs, Preston et al., "Coloring Register Pairs," ACM Letters on Programming Languages and Systems, Vol. 1, No. 1, March 1992.	
		Callahan, David et al., "Register Allocation via Hierarchical Graph Coloring," Proceedings of the ACM SIGPLAN '91 Conference on Programming Language Design and Implementation, Toronto, Canada, June 26-28, 1991.	
		Chow, Fred C. et al., "The Priority-Based Coloring Approach to Register Allocation," ACM Transactions on Programming Languages and Systems, Vol. 12, No. 4, October 1990, pp. 501-536.	
		Cook, Jonathan et al., "Event Based Detection of Concurrency," SIGSOFT '98 ACM, 1998, pp. 34-45.	
↓		Davidson, Jack W. et al., "Reducing the Cost of Branches by Using Registers," Proceedings of the 17th Annual Symposium on Computer Architecture, Seattle, Washington, May 28-31, 1990.	

EXAMINER	/Michael Wilser/	DATE CONSIDERED	08/30/2007
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/M.W./		Kolte, Priyadarshan et al., "Load/Store Range Analysis for Global Register Allocation," ACM-SIGPLAN, June 1993.		
		Knoop, Jens et al., "The Power of Assignment Motion," ACM SIGPLAN '95 Conference on Programming Language Design and Implementation," La Jolla, California, June 18-21, 1995.		
		Lal, George et al., "Iterated Register Coalescing," ACM Transactions on Programming Languages and Systems, Vol. 18, No. 3, May 1996, pp. 300-324.		
		Lang, Tomas et al., "Reduced Register Saving/Restoring in Single-Window Register Files," Computer Architecture News, Vol. 14, No. 3, June 1986.		
		Minwen, Ji et al., "Performance Measurements for Multithreaded Programs," SIGMETRICS '98, ACM, 1998, pp. 168-170.		
		Shim, SangMin et al., "Split-Path Enhanced Pipeline Scheduling for Loops with Control Flows, IEEE, December 2, 1998.		
↓		Tsai, Jenn-Yuan et al., "Performance Study of a Concurrent Multithreaded Processor," IEEE, 1998, pp. 24-35.		

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		Number-Kind Code ² (if known)			
M.W.		US-6,219,690	04-17-2001	Slingwine et al.	
		US-6,529,958	03-04-2003	Oba et al.	
		US-5,778,230	07-07-1998	Wimble et al.	
		US-6,223,202	04-24-2001	Bayeh	
		US-5,740,413	04-14-1998	Alpert et al.	
		US-5,257,358	10-26-1993	Cohen	
		US-5,197,138	03-23-1993	Hobbs et al.	
		US-5,774,358	06-30-1998	Shrote	
		US-5,621,886	04-15-1997	Alpert et al.	
		US-20020103847-A1	08-01-2002	Potash	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Michael Wilser/	Date Considered	08/30/2007
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
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/M.W./		US-6,289,446	09-11-2001	Nilsson et al.	

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